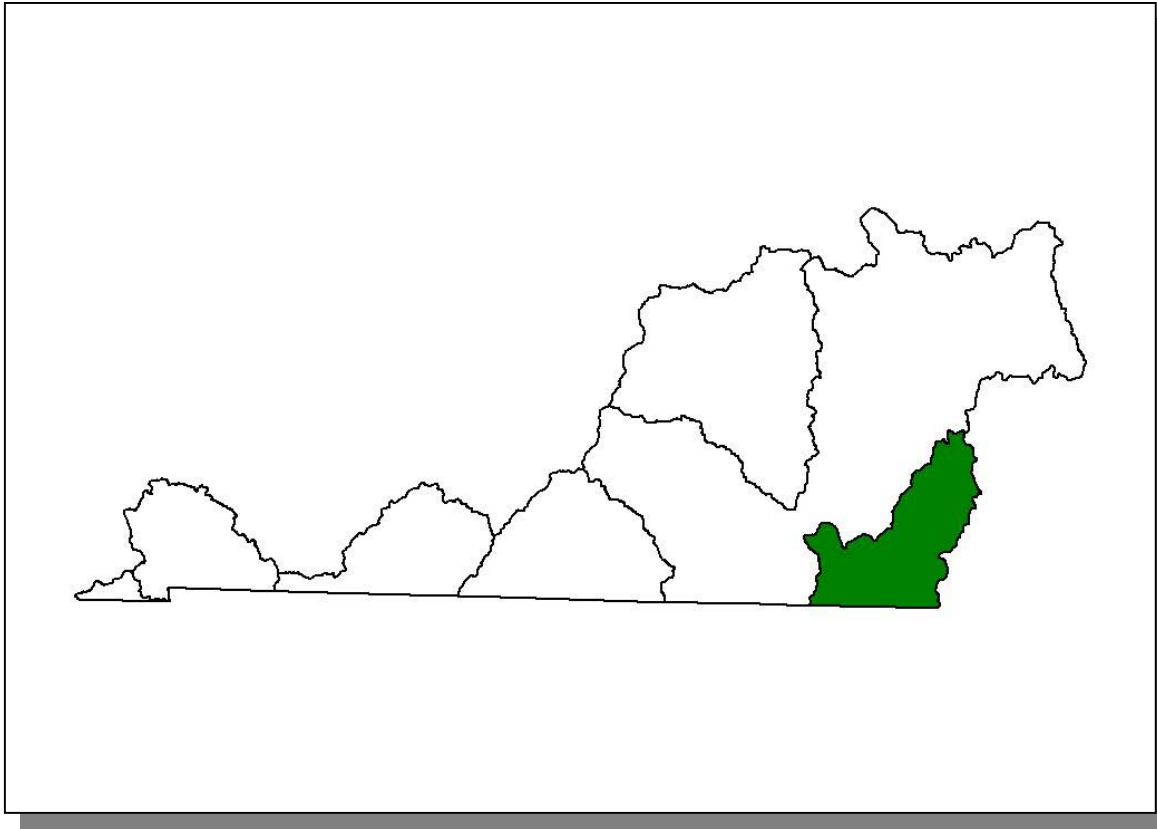
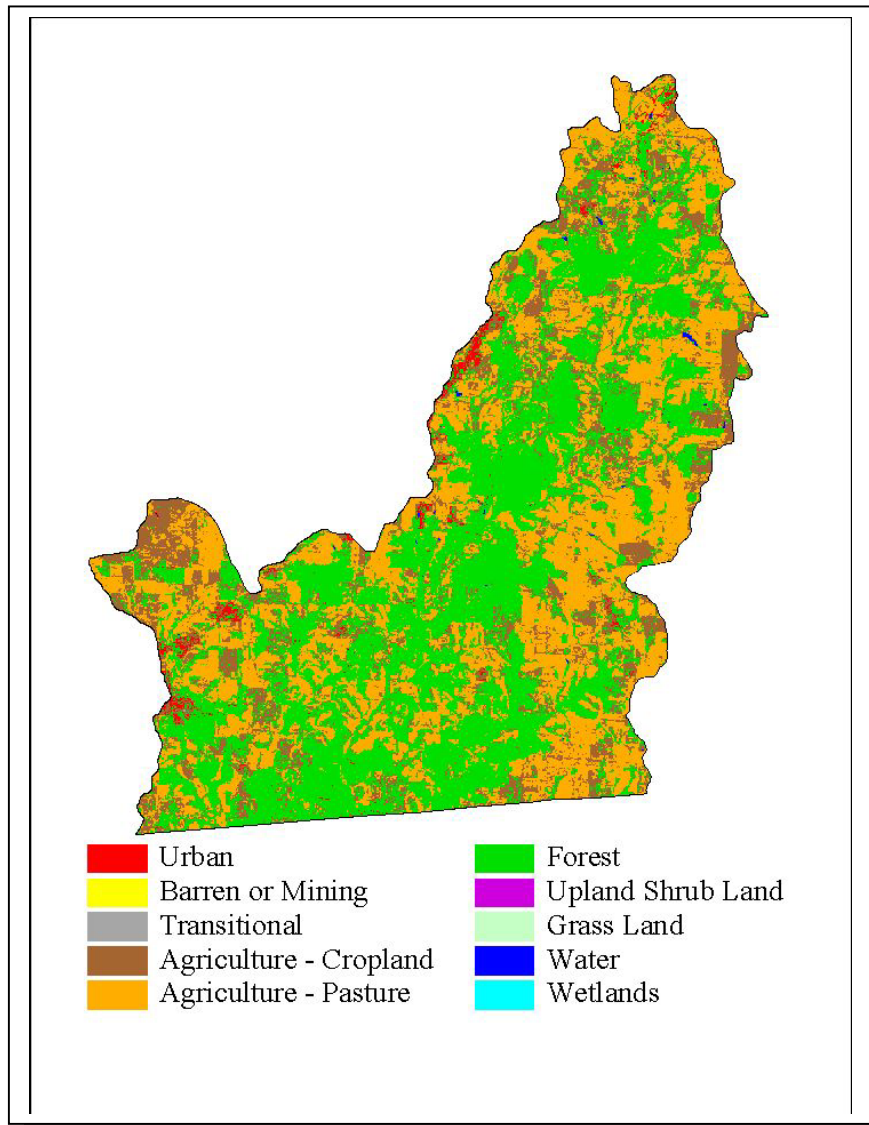


**4.2.A. 0603000502.**

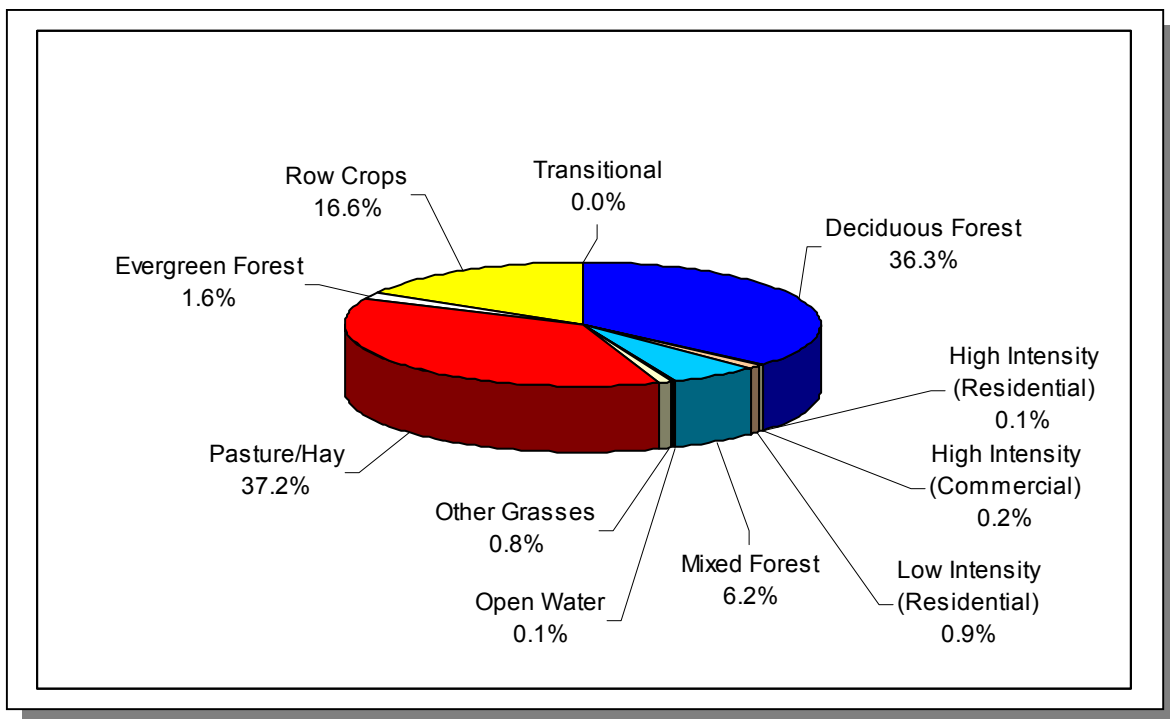


**Figure 4-2. Location of Subwatershed 0603000502.** All Pickwick HUC-10 subwatershed boundaries in Tennessee are shown for reference.

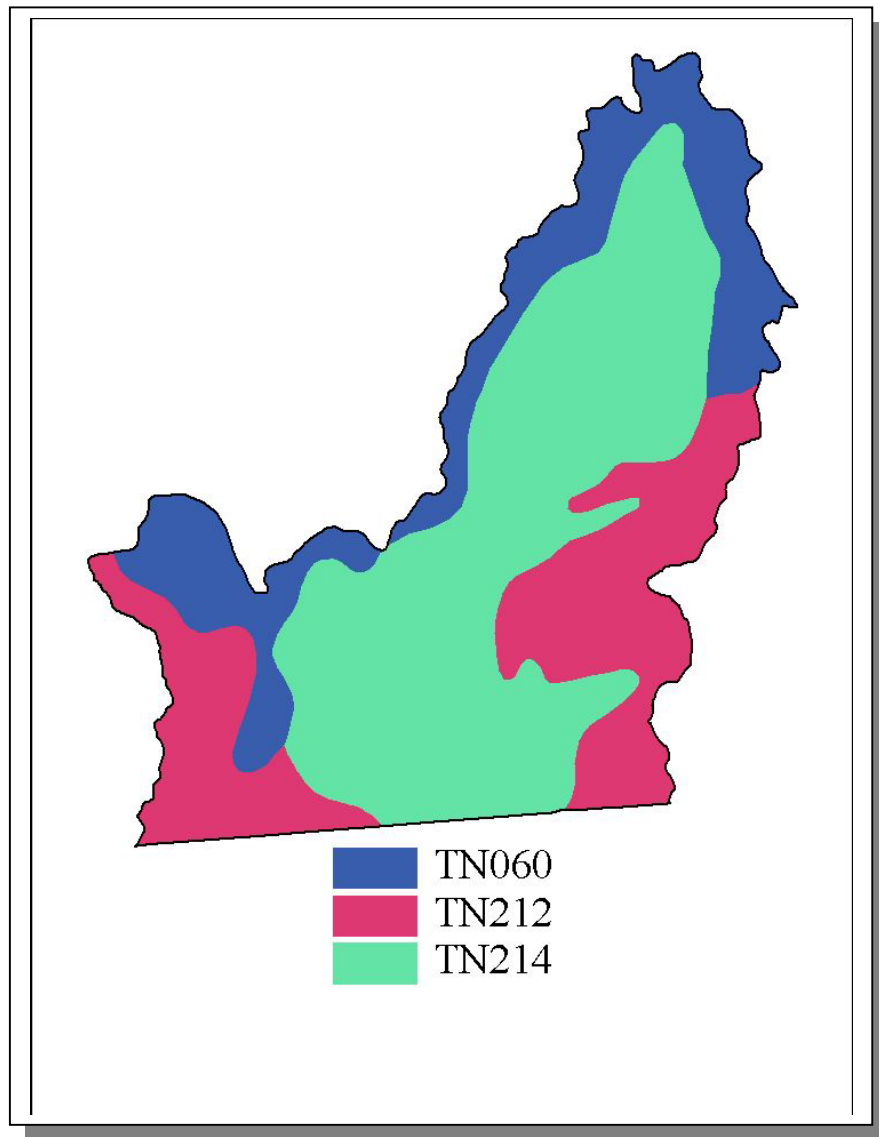
**4.2.A.i. General Description.**



**Figure 4-3. Illustration of Land Use Distribution in Subwatershed 0603000502.**



**Figure 4-4. Land Use Distribution in Subwatershed 0603000502.** More information is provided in Pickwick-Appendix IV.



**Figure 4-5. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000502.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN060	5.00	B	1.30	5.32	Silty Loam	0.39
TN212	4.00	B	1.95	5.04	Silty Loam	0.38
TN214	0.00	B	2.52	4.86	Loam	0.32

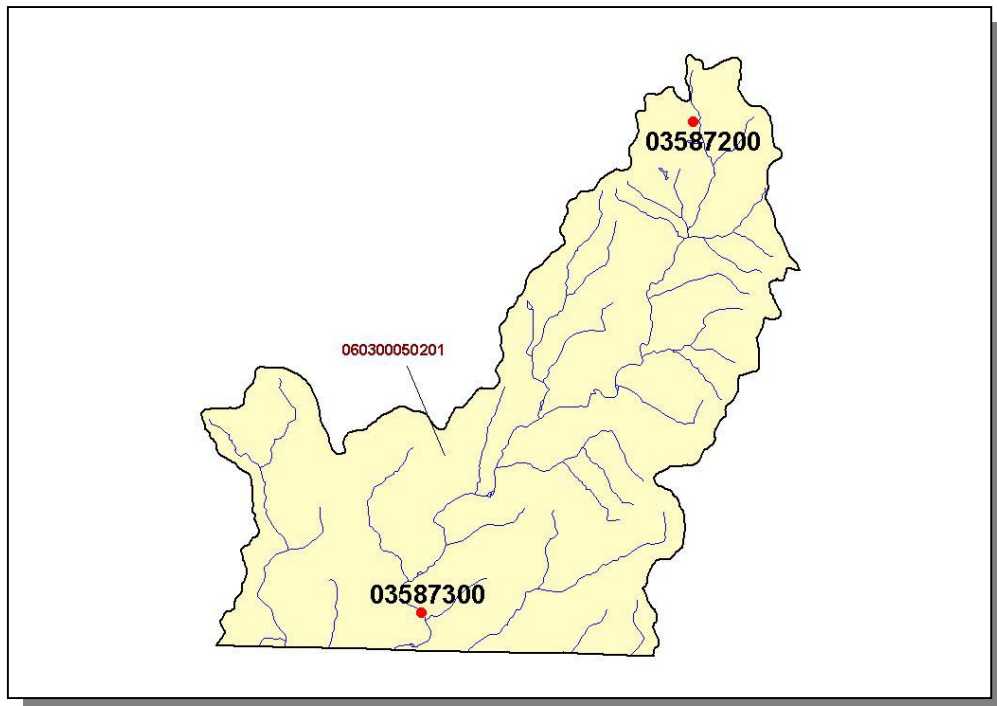
**Table 4-2. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 0603000502.** More details are provided in Pickwick-Appendix IV.

County	COUNTY POPULATION		Portion of Watershed (%)	ESTIMATED POPULATION IN WATERSHED		PERCENT CHANGE
	1990	1997 Est.		1990	1997	
Lawrence	35,303	39,095	8.47	2,989	3,310	10.7

**Table 4-3. Population Estimates in Subwatershed 0603000502.**

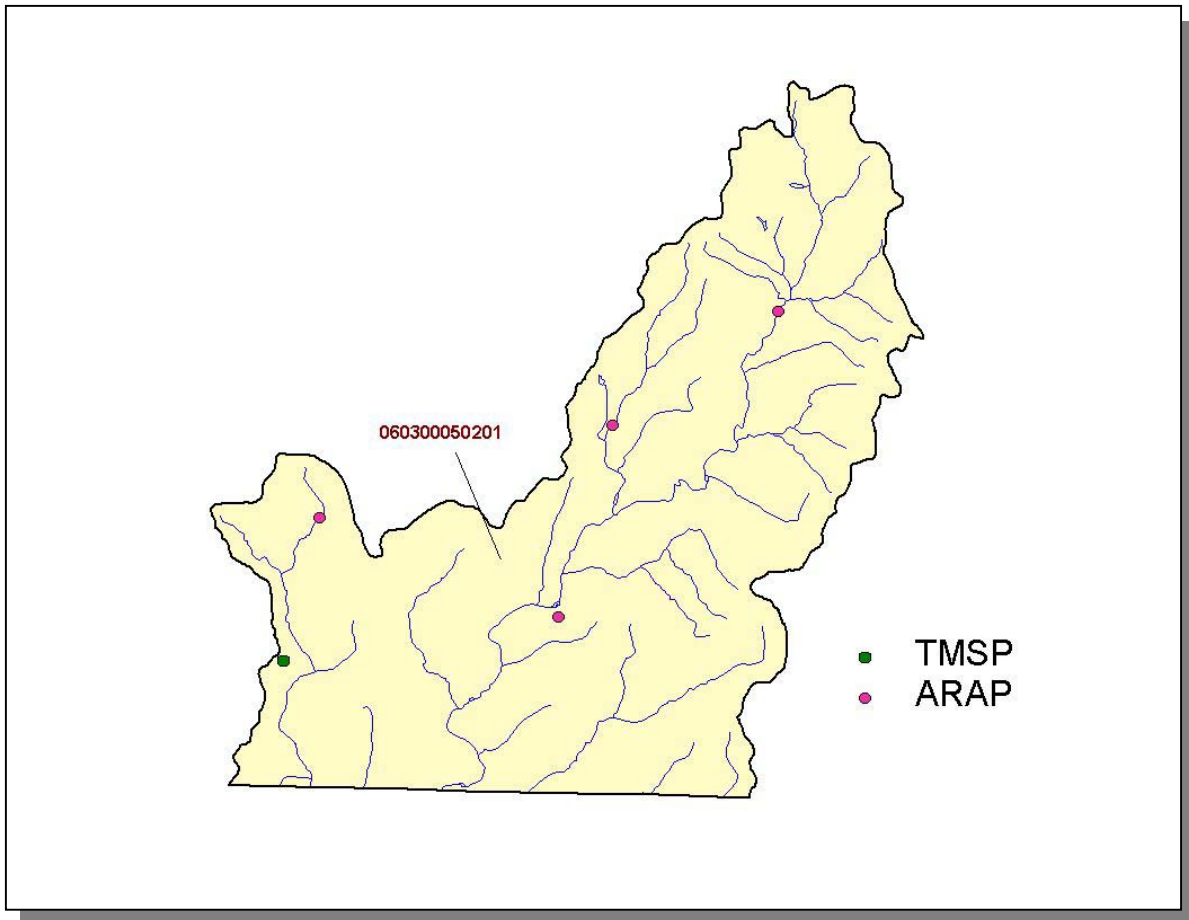
Populated Place	County	Population	NUMBER OF HOUSING UNITS			
			Total	Public Sewer	Septic Tank	Other
Loretto	Lawrence	1,515	620	20	594	6
St. Joseph	Lawrence	806	336	14	315	7
<b>Total</b>		<b>2,321</b>	<b>956</b>	<b>34</b>	<b>909</b>	<b>13</b>

**Table 4-4. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 0603000502.**



**Figure 4-6. Location of Historical Streamflow Data Collection Sites in Subwatershed 0603000502.** More information is provided in Pickwick-Appendix IV.

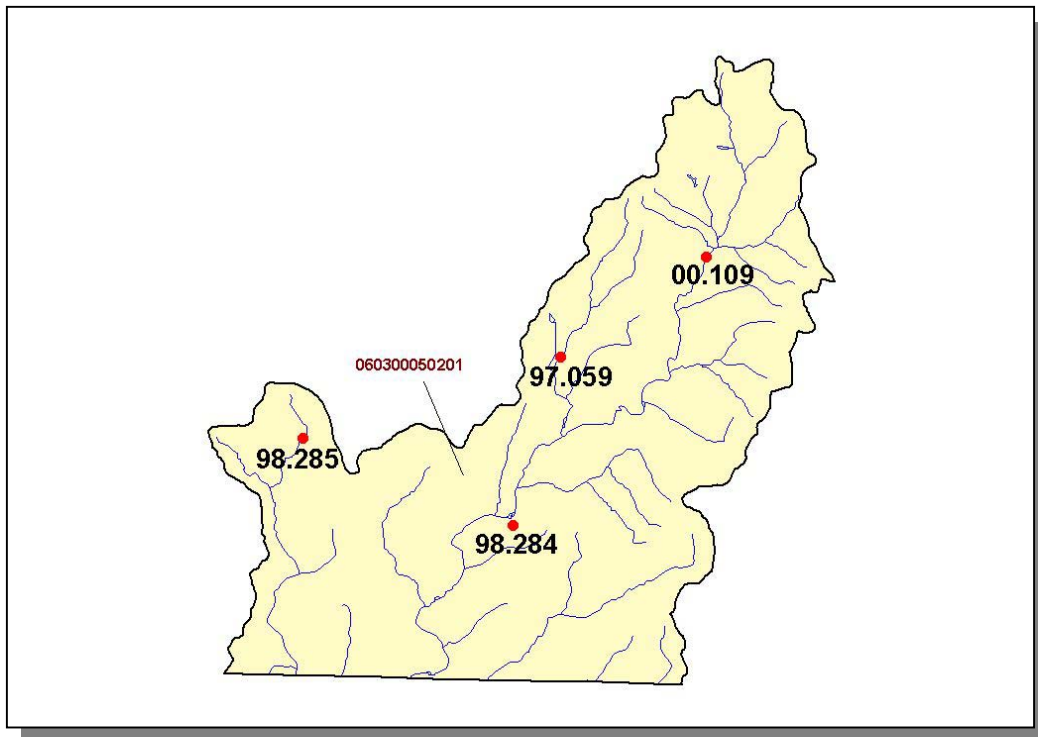
**4.2.A.ii.** Point Source Contributions.



**Figure 4-7. Location of Active Point Source Facilities in Subwatershed 0603000502.** More information is provided in the following figures.



**Figure 4-8. Location of TNSP Facilities in Subwatershed 0603000502.** More information, including the names of facilities, is provided in Pickwick-Appendix IV.



**Figure 4-9. Location of ARAP Sites (Individual Permits) in Subwatershed 0603000502.** More information, including the names of facilities, is provided in Pickwick-Appendix IV.

**4.2.A.iii.** Nonpoint Source Contributions.

<b>LIVESTOCK (COUNTS)</b>						
Beef Cow	Cattle	Milk Cow	Chickens	Chickens Sold	Hogs	Sheep
3,261	6,359	363	10	16,014	976	26

Table 4-5. Summary of Livestock Count Estimates in Subwatershed 0603000502. According to the 1997 Census of Agriculture (<http://www.nass.usda.gov/census/>), "Cattle" includes heifers, heifer calves, steers, bulls and bull calves; "Chickens" are layers 20 weeks and older; "Chickens Sold" are all chickens used to produce meat.

County	<b>INVENTORY</b>		<b>REMOVAL RATE</b>	
	Forest Land (thousand acres)	Timber Land (thousand acres)	Growing Stock (million cubic feet)	Sawtimber (million board feet)
Lawrence	199.8	199.8	6.6	27.1

**Table 4-6. Forest Acreage and Annual Removal Rates (1987-1994) in Subwatershed 0603000502.**

<b>CROPS</b>	<b>TONS/ACRE/YEAR</b>
Corn (Row Crops)	5.41
Soybeans (Row Crops)	28.85
Cotton (Row Crops)	8.07
Grass (Hayland)	0.19
Legume/Grass (Hayland)	0.64
Grass (Pastureland)	0.24
Grass, Forbs, Legumes (Mixed Pasture)	0.11
Forest Land (Grazed)	0.00
Forest Land (Not Grazed)	0.00
Conservation Reserve Program Land	0.90
Wheat (Close Grown Cropland)	14.15
All Other Close Grown Cropland	1.80
Nonagricultural Land Use	0.00
Farmsteads and Ranch Headquarters	6.47
Other Cropland (Not Planted)	13.55

**Table 4-7. Annual Estimated Total Soil Loss in Subwatershed 0603000502.**